

120/14

MOUNTAIN ASH URBAN DISTRICT COUNCIL



ANNUAL REPORT



of the
Medical Officer of Health

1957

MOUNTAIN ASH URBAN DISTRICT COUNCIL

ANNUAL REPORT
of the
Medical Officer of Health

FOR THE YEAR ENDED
THIRTY FIRST DECEMBER
ONE THOUSAND NINE
HUNDRED & FIFTY SEVEN

BY

J. LL. WILLIAMS, M.R.C.S., L.R.C.P., D.P.H. (LOND.)

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PUBLIC HEALTH COMMITTEE

DAY OF MEETING :

Second TUESDAY IN EACH month.

Chairman :

Councillor A. S. J. HILLIER

Members :

| | |
|---------------------------|--------------------------|
| Councillor Miss M. GEORGE | Councillor W. I. JONES |
| Councillor A. H. MAGGS | Councillor J. LEWIS |
| Councillor R. V. NELMS | Councillor S. WRIGHT |
| Councillor E. A. BENNETT | Councillor L. CLARKE |
| Councillor Mrs. L. WATTS | Councillor Mrs. M. LEWIS |
| Councillor W. M. REES | Councillor A. MORGAN |
| Councillor E. JENKINS | Councillor R. G. OWEN |
| Councillor S. S. PARFITT | Councillor H. WARD |
| Councillor I. DAVIES | |

Staff of Public Health Department

Medical Officer of HealthJ. LL. WILLIAMS,
(*part time*) M.R.C.S., L.R.C.P., D.P.H.
(LOND.)

Senior Health Inspector.....W. J. WATTERS, C.R.S.I.,
Cert. Meat & Other Foods,
R.S.I., M.S.I.A.

Public Health InspectorsG. M. JAMES, C.S.I.B.,
Cert. Meat & Other Foods,
R.S.I., M.S.I.A.

W. C. GRIFFITHS, C.S.I.B.,
A.R.S.I.

Clerk.....H. J. THOMAS

MOUNTAIN ASH URBAN DISTRICT COUNCIL

Medical Officer of Health's Annual Report

PUBLIC HEALTH DEPARTMENT,
OXFORD STREET,
MOUNTAIN ASH,

November, 1958

*To the Chairman and Members of the Mountain Ash
Urban District Council.*

LADIES AND GENTLEMEN,

I have the honour to submit for your consideration my Annual Report on the Public Health and Sanitary conditions of the District, and the work carried out by your Officers of the Public Health Department, together with the vital and other statistics for the year 1957.

I desire to record my thanks to the Senior Public Health Inspector, Mr. W. J. Watters, and to the staff of the Health Department for their hard work and assistance to me during the year.

Yours sincerely,

J. LL. WILLIAMS,

Medical Officer of Health.

GENERAL STATISTICS

| | | | | | |
|--|-----|-----|-----|-----|--------------|
| Area of the District | ... | ... | ... | ... | 10,504 acres |
| Population | ... | ... | ... | ... | 30,590 |
| Number of inhabited houses (end of 1957) | | | | | |
| according to the Rate Books | ... | ... | ... | ... | 8,590 |
| Rateable Value | ... | ... | ... | ... | £153,280 |
| Sum represented by a Penny Rate | ... | ... | ... | ... | £552 |

EXTRACT FROM THE VITAL STATISTICS FOR THE YEAR

| | Total. | Male. | Female. |
|---|---------|---|---------|
| Live-Births : Legitimate ... | 511 | 257 | 254 |
| „ Illegitimate ... | 9 | 5 | 4 |
| Birth-rate per 1,000 of the resident population ... | 17.00 | | |
| Still-Births : Legitimate ... | 18 | 9 | 9 |
| „ Illegitimate ... | — | — | — |
| Rate per 1,000 (live and Still) births registered ... | 33.4 | | |
| Deaths ... | 411 | 244 | 167 |
| Death-rate per 1,000 estimated average population ... | 13.44 | | |
| Deaths from Puerperal Causes (Heading 30 of the Registrar General's Short List) :— | | | |
| | Deaths. | Rate per 1,000 Total (live and still Births). | |
| No. 30—Pregnancy, childbirth, abortion ... | 1 | 1.8 | |

BIRTHS.

The number of births registered in the district during the year was 520. The number of males was 262 and females 258. This gives a birth-rate of 17.0 per 1,000 inhabitants on a population of 30,590 (Registrar General).

The Birth-rate is 0.90 higher than the rate for England and Wales, and 0.69 higher than the rate for the Administrative County. It is 1.94 higher than in 1956.

The number of illegitimate children registered was 9 (5 males and 4 females). This is equivalent to an illegitimate rate of 17.3 per 1,000 births registered.

INFANT MORTALITY.

The number of deaths of infants under one year of age registered in the district during the year was 23, 10 males and 13 females. This gives an infantile death-rate of 44.23 per 1,000 live births registered, and .75 per 1,000 of the inhabitants of the area.

The infantile death-rate of 44.23 per 1,000 births registered is 18.26 higher than for 1956.

The neo-natal mortality rate (the number of deaths during the first month of life) was 28.8 per 1,000 births, and is 65.2 per cent. of the infantile death-rate.

I append a table showing the number of deaths of infants under one year of age, and the infantile death-rate per 1,000 births for the past ten years. Also a table comparing the Infant Mortality and Neo-Natal Mortality for the Mountain Ash Urban Area and other areas for 1957 :—

| <i>Year</i> | 1948 | 1949 | 1950 | 1951 | 1952 |
|---------------------------------|-------------|-------------|-------------|-------------|-------------|
| Number of Deaths | 30 | 25 | 25 | 23 | 29 |
| Death-rate per 1,000 births ... | 46.0 | 46.0 | 48.6 | 41.7 | 50.8 |
| <i>Year</i> | 1953 | 1954 | 1955 | 1956 | 1957 |
| Number of Deaths | 13 | 10 | 17 | 12 | 23 |
| Death-rate per 1,000 births ... | 24.7 | 21.2 | 36.56 | 25.97 | 44.23 |



DEATHS Registered during the Calendar Year 1957, classified by age and causes.

Name of District—MOUNTAIN ASH.

ANALYSIS OF NETT DEATHS ACCORDING TO AGE.

| Cause of Death | Nett Deaths at the subjoined Ages of Residents whether occurring within or without the District | | | | | | | | | | | | |
|---|---|---------------------|---------------------|---------------------|---------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------|-------|
| | Under One year | 1 and under 2 years | 2 and under 3 years | 3 and under 4 years | 4 and under 5 years | 5 and under 10 years | 10 and under 15 years | 15 and under 20 years | 20 and under 35 years | 35 and under 45 years | 45 and under 65 years | 65 and upwards | Total |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Tuberculosis—Respiratory | — | — | — | — | — | — | — | — | — | 2 | 4 | 4 | 10 |
| Tuberculosis—Other Forms | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Syphilitic Disease | — | — | — | — | — | — | — | — | — | — | 2 | — | 2 |
| Diphtheria | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Whooping Cough | 1 | — | — | — | — | — | — | — | — | — | — | — | 1 |
| Meningococcal Infections | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Acute Poliomyelitis | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Measles | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other infective and parasitic diseases | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Malignant Neoplasm: Stomach .. | — | — | — | — | — | — | — | — | — | — | 10 | 8 | 18 |
| " " Lung, Bronchus .. | — | — | — | — | — | — | — | — | — | — | 6 | 2 | 8 |
| " " Breast | — | — | — | — | — | — | — | — | — | — | 2 | 4 | 6 |
| " " Uterus | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Other malignant and lymphatic neoplasms | — | — | 1 | — | — | — | — | — | — | — | 9 | 19 | 29 |
| Leukaemia, aleukaemia | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Diabetes | — | — | — | — | — | — | — | — | — | — | — | 3 | 3 |
| Vascular lesions of nervous system .. | — | — | — | — | — | — | — | — | — | — | 9 | 43 | 52 |
| Coronary disease, angina | — | — | — | — | — | — | — | — | — | — | 7 | 34 | 41 |
| Hypertension with heart disease .. | — | — | — | — | — | — | — | — | 1 | — | 3 | 8 | 12 |
| Other Heart disease | — | — | — | — | — | — | — | — | 2 | 2 | 7 | 31 | 42 |
| Other circulatory disease | — | — | — | — | — | — | — | — | — | — | 5 | 20 | 25 |
| Influenza | — | — | — | — | — | — | — | — | — | 1 | 4 | 1 | 6 |
| Pneumonia | 3 | — | — | — | — | — | — | — | — | — | 2 | 8 | 13 |
| Bronchitis | — | — | — | — | — | — | — | — | — | — | 16 | 28 | 44 |
| Other diseases of respiratory system .. | — | — | — | — | — | — | — | — | — | — | 11 | 4 | 15 |
| Ulcer of stomach and duodenum .. | — | — | — | — | — | — | — | — | — | — | 2 | 1 | 3 |
| Gastritis, enteritis and diarrhoea .. | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Nephritis and nephrosis | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Hyperplasia of prostate | — | — | — | — | — | — | — | — | — | — | — | 1 | 1 |
| Pregnancy, childbirth, abortion .. | — | — | — | — | — | — | — | — | — | 1 | — | — | 1 |
| Congenital malformations | 8 | — | — | — | — | — | — | — | — | — | — | — | 8 |
| Other defined and ill-defined diseases | 10 | — | — | — | — | — | 1 | — | — | — | 2 | 31 | 44 |
| Motor vehicle accidents | — | — | — | — | — | 1 | — | — | 2 | — | — | 2 | 5 |
| All other accidents | 1 | — | — | — | 1 | — | 1 | 2 | 2 | — | 4 | 3 | 14 |
| Suicide | — | — | — | — | — | — | — | — | — | — | — | 2 | 2 |
| Homicide and operations of war .. | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| GRAND TOTAL | 23 | — | 1 | — | 1 | 1 | 2 | 2 | 7 | 6 | 111 | 257 | 411 |

INFANT MORTALITY.—Net Deaths from stated causes at various ages under 1 year of age.

| <i>Cause of Death</i> | <i>Under 1 week</i> | <i>1-2 weeks</i> | <i>2-3 weeks</i> | <i>3-4 weeks</i> | <i>Total under 4 weeks</i> | <i>1-3 4 weeks and under 3 months</i> | <i>3-6 3 months and under 6 months</i> | <i>6-9 6 months and under 9 months</i> | <i>9-12 9 months and under 12 months</i> | <i>Total Deaths under 1 year</i> |
|--------------------------------|-------------------------|----------------------|----------------------|----------------------|------------------------------------|---|--|--|--|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Measles | — | — | — | — | — | — | — | — | — | — |
| Scarlet Fever .. | — | — | — | — | — | — | — | — | — | — |
| Cerebro-Spinal Meningitis | — | — | — | — | — | — | — | — | — | — |
| Whooping Cough ... | — | — | — | — | — | — | — | — | 1 | 1 |
| Diphtheria ... | — | — | — | — | — | — | — | — | — | — |
| Abdominal Tuberculosis | — | — | — | — | — | — | — | — | — | — |
| Other T.B. Diseases | — | — | — | — | — | — | — | — | — | — |
| Convulsions ... | — | — | — | — | — | — | 1 | — | — | 1 |
| Influenza ... | — | — | — | — | — | — | — | — | — | — |
| Bronchitis ... | — | — | — | — | — | — | — | — | — | — |
| Pneumonia all forms | — | 1 | — | — | 1 | 2 | — | — | — | 3 |
| Diarrhoea ... | — | — | — | — | — | — | — | — | — | — |
| Enteritis ... | — | — | — | — | — | — | — | — | — | — |
| Gastritis ... | — | — | — | — | — | — | — | — | — | — |
| Syphilis ... | — | — | — | — | — | — | — | — | — | — |
| Rickets ... | — | — | — | — | — | — | — | — | — | — |
| Suffocation, Accidental | — | — | — | — | — | — | — | — | — | — |
| Injury at Birth | 3 | — | — | — | 3 | — | — | — | — | 3 |
| Atelectasis ... | — | — | — | — | — | — | — | — | — | — |
| Congenital Malformations | 5 | — | — | — | 5 | 1 | 1 | 1 | — | 8 |
| Premature Birth ... | 6 | — | — | — | 6 | — | — | — | — | 6 |
| Atrophy, Debility and Marasmus | — | — | — | — | — | — | — | — | — | — |
| Other Causes | — | — | — | — | — | — | — | — | 1 | 1 |
| GRAND TOTAL ... | 14 | 1 | — | — | 15 | 3 | 2 | 1 | 2 | 23 |

INFANT MORTALITY. NEO-NATAL MORTALITY.

| SOURCE. | Deaths under 1 year. | Rate per 1,000 live births. | Deaths under four weeks. | Rate per 1,000 live births. |
|-------------------------|----------------------------|--------------------------------------|-----------------------------------|--------------------------------------|
| England & Wales ... | 16,641 | 23.00 | 11,904 | 16.5 |
| Administrative Cty.... | 380 | 31.45 | 263 | 21.77 |
| Urban Districts ... | 290 | 32.86 | 202 | 22.89 |
| Rural Districts ... | 90 | 27.65 | 61 | 18.74 |
| Mountain Ash ... | 23 | 44.23 | 15 | 28.85 |

Other Glamorgan Districts :—

| | | | | |
|----------------|----|-------|----|-------|
| Aberdare ... | 23 | 37.64 | 18 | 29.46 |
| Bridgend ... | 13 | 46.76 | 8 | 28.78 |
| Maesteg ... | 11 | 30.14 | 10 | 27.40 |
| Pontypridd ... | 17 | 29.06 | 11 | 18.80 |
| Rhondda ... | 45 | 26.88 | 34 | 20.31 |

STILL-BIRTHS.

The number of Still-Births registered during the year was 18 (9 males and 9 females) and is 3.3 per cent. of the total births registered.

The Still-birth rate per 1,000 Registered Live and Still-births was 33.4.

DEATHS (All Ages).

The number of deaths in the district during the year was 411. This gives a Death-rate of 13.44 per 1,000 upon an estimated population of 30,590.

The causes of death in the various ages groups were as set out in the following tables :—

Mountain Ash Medical Officer of Health's Annual Report

Notifiable Diseases

The following tables shew the age and ward distribution of the cases of infectious diseases notified during the year under review :—

NOTIFIABLE DISEASES DURING THE YEAR.

| <i>Diseases.</i> | <i>Total Cases Notified</i> | <i>Number of Cases recorded on Form 118e (cor- rected figures)</i> | <i>Cases admitted to Hospital</i> | <i>Total Deaths</i> |
|----------------------------|-------------------------------------|--|---|-------------------------|
| Scarlet Fever | 87 | 87 | 2 | — |
| Pneumonia | 13 | 13 | 10 | — |
| Measles | 207 | 207 | — | — |
| Meningococcal Infection .. | 2 | 1 | 2 | — |
| Whooping Cough | 40 | 40 | — | 1 |
| Poliomyelitis | 3 | 3 | 3 | — |
| Dysentery | 5 | 5 | 2 | — |
| Erysipelas | 5 | 5 | 1 | — |
| Puerperal Pyrexia | 4 | 4 | 1 | — |
| Ophthalmia Neonatorum .. | 1 | 1 | 1 | — |
| Tuberculosis :— | | | | |
| (a) Pulmonary { Males ... | 18 | 18 | 11 | 9 |
| { Females ... | 10 | 10 | — | 1 |
| { Total ... | 28 | 28 | — | 10 |
| (b) Non- { Males ... | 1 | 1 | 6 | — |
| Pulmonary { Females ... | 1 | 1 | — | — |
| { Total ... | 2 | 2 | — | — |

NOTIFIABLE DISEASES, 1957. Number of Cases notified in each Ward.

| <i>Disease</i> | <i>Duffryn</i> | <i>Darrian- las</i> | <i>Miskin</i> | <i>Penrhiw ceiber</i> | <i>Aber- cynon</i> | <i>Ynysy- bwl</i> | <i>Total</i> | <i>No. of Cases removed to Hospital.</i> |
|-----------------------------|----------------|-------------------------|---------------|---------------------------|------------------------|-----------------------|--------------|--|
| Scarlet Fever ... | 11 | 19 | 24 | 20 | 12 | 1 | 87 | 2 |
| Pneumonia ... | 2 | 1 | 4 | 6 | — | — | 13 | 10 |
| Measles ... | 6 | 48 | 46 | 31 | 52 | 24 | 207 | — |
| Meningococcal Infection ... | 1 | 1 | — | — | — | — | 2 | 2 |
| Whooping Cough ... | 10 | 5 | 9 | 14 | 2 | — | 40 | — |
| Poliomyelitis .. | — | — | — | — | 3 | — | 3 | 3 |
| Dysentery ... | — | — | — | 5 | — | — | 5 | 2 |
| Erysipelas ... | — | 3 | 2 | — | — | — | 5 | 1 |
| Puerperal Pyrexia ... | 1 | — | — | 2 | 1 | — | 4 | 1 |
| Ophthalmia Neonatorum .. | 1 | — | — | — | — | — | 1 | 1 |
| TOTAL ... | 32 | 77 | 85 | 68 | 70 | 25 | 367 | 22 |

NOTIFIABLE DISEASES, 1957. Analysis of the Total Cases in Age Groups.

| <i>Disease</i> | <i>Under 1 year</i> | <i>1 to 2 years</i> | <i>2 to 3 years</i> | <i>3 to 4 years</i> | <i>4 to 5 years</i> | <i>5 to 10 years</i> | <i>10 to 15 years</i> | <i>15 to 20 years</i> | <i>20 to 35 years</i> | <i>35 to 45 years</i> | <i>45 to 65 years</i> | <i>65 yrs. & over</i> | <i>Total</i> |
|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------------|--------------|
| Scarlet Fever ... | 1 | — | 4 | 3 | 23 | 52 | 7 | — | — | — | — | — | 87 |
| Pneumonia ... | — | 1 | 1 | — | — | 1 | — | 2 | — | 1 | 2 | — | 13 |
| Measles ... | 6 | 19 | 27 | 26 | 56 | 70 | 3 | — | — | — | — | — | 207 |
| Meningococcal Inf. | — | — | — | — | — | — | — | 1 | — | — | 1 | — | 2 |
| Whooping Cough | 3 | 4 | 4 | 3 | 10 | 16 | — | — | — | — | — | — | 40 |
| Poliomyelitis | — | 1 | 1 | — | — | — | — | — | — | — | — | — | 3 |
| Dysentery | 1 | — | — | — | — | — | 1 | 1 | 1 | 1 | — | — | 5 |
| Erysipelas ... | — | — | — | — | — | — | — | — | 3 | 3 | 1 | — | 5 |
| Puerperal Pyrexia | — | — | — | — | — | — | — | — | — | — | — | — | 4* |
| Ophthalmia Neonatorum ... | — | — | — | — | — | 1 | — | — | 4 | — | — | — | 1 |
| TOTAL ... | 11 | 25 | 37 | 32 | 89 | 140 | 11 | 4 | 5 | 5 | 7 | 4 | 367 |

Cases Admitted, Treated and Discharged from various Sanatoria and Hospitals during 1957

| Name of Institution | W A R D S | | | | | | | | | | | | | |
|--|-----------|-----------|--------|--------------------|----------------|----------|-------|----------|-----------|--------|--------------------|----------------|----------|-------|
| | MALES | | | | | | | FEMALES. | | | | | | |
| | Duffryn | Darranlas | Miskin | Penrhiw- ceiber | Aber- cynon | Ynysybwl | Total | Duffryn | Darranlas | Miskin | Penrhiw- ceiber | Aber- cynon | Ynysybwl | Total |
| Sully Hospital | — | 1 | 4 | 1 | 4 | — | 10 | — | — | 1 | 3 | 6 | — | 10 |
| Mardy Isolation Hospital | 1 | 2 | 4 | 4 | 2 | — | 13 | — | — | 3 | 3 | 1 | — | 7 |
| Glan Ely Hospital | 1 | — | — | — | — | — | 1 | — | — | — | — | — | — | — |
| Tonteg Isolation Hospital | — | — | — | — | — | 5 | 5 | — | — | — | 1 | 1 | 1 | 3 |
| Pontsarn Hospital | — | 2 | 3 | — | 2 | — | 7 | — | — | — | — | — | — | — |
| South Wales Sanatorium, Talgarth | 1 | — | 1 | — | 1 | — | 3 | — | — | — | — | — | — | — |
| Adelina Patti Hospital | — | — | — | — | 1 | — | 1 | — | — | — | 1 | — | — | 1 |
| TOTAL | 3 | 5 | 12 | 5 | 10 | 5 | 40 | — | — | 4 | 8 | 8 | 1 | 21 |

Pulmonary and other Cases of Tuberculosis Notified by Medical Practitioners during 1957

| Ages | | W A R D S | | | | | | | | | | | | | | TUBERCULOSIS MORTALITY | |
|--------------------------------|----------------|-----------|-----------|--------|--------------------|----------------|----------|-------|---------|-----------|--------|--------------------|----------------|----------|-------|------------------------|---------|
| | | MALES | | | | | | | FEMALES | | | | | | | | |
| | | Duffryn | Darranlas | Miskin | Penrhiw- ceiber | Aber- cynon | Ynysybwl | Total | Duffryn | Darranlas | Miskin | Penrhiu- ceiber | Aber- cynon | Ynysybwl | Total | Males | Females |
| PULMONARY TUBERCULOSIS | Under 1 year | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 1 to 5 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 5 to 10 years | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 | — | — | |
| | 10 to 15 years | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 | — | — | |
| | 15 to 20 years | — | — | — | — | 2 | — | 2 | — | — | — | 1 | — | 1 | — | — | |
| | 20 to 25 years | — | — | 2 | — | — | 1 | 3 | 1 | — | 1 | — | — | 2 | — | — | |
| | 25 to 35 years | — | 2 | 1 | — | 1 | 1 | 5 | — | — | — | — | 2 | 2 | — | — | |
| | 35 to 45 years | — | — | — | 1 | 2 | — | 3 | — | — | 1 | 1 | — | 2 | 1 | 1 | |
| | 45 to 55 years | — | — | — | 1 | 1 | 1 | 3 | — | 1 | — | — | — | 1 | — | — | |
| | 55 to 65 years | — | — | — | 1 | — | 1 | 2 | — | — | — | — | — | — | 4 | — | |
| 65 years and over | — | — | — | — | — | — | — | — | — | — | — | — | — | 4 | — | | |
| TOTAL | | — | 2 | 3 | 3 | 6 | 4 | 18 | 1 | 1 | 2 | 1 | 3 | 2 | 10 | 9 | 1 |
| OTHER FORMS OF TUBERCULOSIS | Under 1 year | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 1 to 5 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 5 to 10 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 10 to 15 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 15 to 20 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 20 to 25 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 25 to 35 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 35 to 45 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| | 45 to 55 years | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 | — | — | |
| | 55 to 65 years | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 65 years and over | — | — | — | — | 1 | — | 1 | — | — | — | — | — | — | — | — | | |
| TOTAL | | — | — | — | — | 1 | — | 1 | — | — | — | 1 | — | 1 | — | — | |

TUBERCULOSIS.

The Pulmonary Tuberculosis Death-rate per 1,000 population for the year was 0.32. This is 0.16 higher than in 1956.

As in the previous year, there were no deaths from Other Forms of Tuberculosis.

The following table shows the incidence of Tuberculosis in the district during the past ten years :—

| Year. | CASES NOTIFIED. | | DEATHS. | |
|-------|-----------------|--------------|------------|--------------|
| | Pulmonary. | Other Forms. | Pulmonary. | Other Forms. |
| 1948 | ... 49 | 10 | 20 | 2 |
| 1949 | ... 34 | 6 | 18 | — |
| 1950 | ... 44 | 7 | 18 | 6 |
| 1951 | ... 54 | 6 | 14 | 1 |
| 1952 | ... 59 | 6 | 16 | — |
| 1953 | ... 73 | 5 | 15 | 1 |
| 1954 | ... 52 | 4 | 9 | — |
| 1955 | ... 35 | 4 | 10 | 1 |
| 1956 | ... 28 | 4 | 5 | — |
| 1957 | ... 28 | 2 | 10 | — |

I append Tables showing the Age and Ward Distribution of all cases notified and the number treated at the various sanatoria :—

Laboratory Work

CHEMICAL AND BACTERIOLOGICAL EXAMINATIONS

Arrangements for the chemical and bacteriological examination of specimens from this area are the same as in previous years.

With the exception of Sputum Outfits (which are obtained from the Chest Physician at the Chest Clinic) all other outfits for the collection and transmission of specimens can be obtained from the Public Health Department, Oxford Street, Mountain Ash. Medical Practitioners within the area are aware of this fact.

The following table shows the nature and number of specimens sent for examinations and also the results:—

| DISEASE SUSPECTED. | Number of Specimens. | Results. | |
|------------------------|-------------------------|-----------|-----------|
| | | Positive. | Negative. |
| Dysentery & Enteric :— | | | |
| Faeces | 20 | — | 20 |
| Urine | 11 | — | 11 |
| Sonne Dysentery :— | | | |
| Faeces | 20 | 3 | 17 |

WATER SUPPLY.

The water supply is under the control of the Council and during the year there was an adequate supply. Apart from the outlying farms and premises all the houses in the area have a piped supply of water from the Council's mains. In addition the Trading Estate at Ynysboeth is supplied and an emergency supply is given to the Trading Estate, Hirwaun.

The sources, gathering grounds and reservoirs, apart from the Penderyn Reservoir, which is in Brecknockshire, are within the Mountain Ash Urban Area.

The capacities of the reservoirs are as follows :—

| | | | | |
|----------------------|-----|-----|-------------|---------|
| Penderyn Reservoir | ... | ... | 132,000,000 | gallons |
| Clydach Reservoir | ... | ... | 11,550,000 | „ |
| Darranlas Reservoir | ... | ... | 3,500,000 | „ |
| Perthcelyn | ... | ... | 30,000,000 | „ |
| Buarth-y-Capel | ... | ... | 500,000 | „ |
| Gilfach Reservoir | ... | ... | 60,000 | „ |
| Cefnpennar Reservoir | ... | ... | 23,000 | „ |

In addition to the above reservoirs, there is an intake at Rhydygwreiddyn, Llanwonno, which is seldom used.

The source of each supply is of an upland surface type and tends to be soft in character. One supply of water, namely, the Darranlas Reservoir, which serves the main part of the town of Mountain Ash, is treated by sand filtration and chlorination, but the other sources are chlorinated only.

During the year complaints were received from the management of the Penrikyber Colliery and residents of the Penrhiwceiber area regarding the taste and smell of the drinking water, and as a result a joint report by the Engineer and Surveyor and myself was submitted to the Public Health Committee in May.

The source of supply to the Penrhiwceiber area is the Penderyn Reservoir.

It was found that the unpleasant taste and smell existed not only in the water as derived from the taps in the Penrhiwceiber area but also in the trunk main when tested at various breeching points.

From records, it appeared that this was not the first occurrence of such complaints. Some years previously it had been the practice to keep the trunk main empty in the winter months and charge it only for the summer use. Complaints usually arose when the main was brought into use and to obviate a yearly occurrence of such complaints it became the practice to keep the trunk main charged and used during all seasons. The complaint therefore could not be attributed to the irregular use of this main.

| SOURCE OF SUPPLY | RESULTS OF BACTERIOLOGICAL TESTS | | | | RESULTS OF CHEMICAL TESTS | | | |
|---|-------------------------------------|-------------------|--------------------|-------------|------------------------------|-------------------|--------------------|---------------|
| | Number Samples | Satis- factory | Unsat- isf'tory | % Satis. | No. of Samples | Satis- factory | Unsat- isf'tory | % Satisf'y |
| Penderyn ReservoirRaw .. Treated .. | 18 43 | — 31 | — 12 | — 72% | 18 43 | — 37 | — 6 | — 86% |
| Perthcelyn ReservoirRaw .. Treated .. | 27 27 | — 24 | — 3 | — 88.8% | 27 27 | — 26 | — 1 | — 96.3% |
| Darranlas ReservoirRaw .. Treated .. | 27 30 | — 19 | — 11 | — 63.3% | 27 30 | — 27 | — 3 | — 90% |
| Clydach ReservoirRaw .. Treated .. | 27 26 | — 22 | — 4 | — 84.6% | 27 26 | — 20 | — 6 | — 76.9% |



Table 2. ESTIMATION OF SULPHUR.

| MOUNTAIN ASH | | | | | ABERDARE | | | | |
|---------------|---|----------------------------|--------------------------------|---------------------|---------------|---|----------------|------------------------------|--------------------------|
| Year 1957 | Mg. of SO ₃ /day collected by 100 sq. cm. of "Batch A" PbO ₂ (Louvered Cover) at | | | | Year 1957 | Mg. of SO ₃ /day collected by 100 sq. cm. of "Batch A" P.b ₂ (Louvered Cover) at | | | |
| Month | Hibernian Club | Trawscoed Aberdare Road | Mountain Ash Grammar School | 4 Middle Duffryn | Month | Aberdare Co-op (Central) | Aman School | Parry's Bakery Abercwmboi | Cwmbach (Duffryn Row) |
| JANUARY | 2.16 | 0.96 | 1.04 | 2.16 | JANUARY | 1.93 | 0.81 | 1.39 | 1.29 |
| FEBRUARY | 2.42 | 1.12 | 1.38 | 1.30 | FEBRUARY | 1.62 | 1.34 | 1.56 | 1.22 |
| MARCH | 2.03 | 0.89 | 1.06 | 1.36 | MARCH | 1.34 | 1.18 | 1.25 | 1.13 |
| APRIL | 1.67 | 0.66 | 0.58 | 0.76 | APRIL | 2.10 | 0.69 | 1.70 | 0.63 |
| MAY..... | 1.30 | 0.65 | 0.65 | 0.94 | MAY..... | 1.00 | 0.68 | 1.06 | 0.62 |
| JUNE | 0.76 | 0.42 | 0.53 | 0.71 | JUNE | 0.73 | 0.62 | 0.96 | 0.55 |
| JULY | 1.01 | 0.51 | 0.79 | 1.21 | JULY | 0.62 | 0.38 | 0.83 | 0.47 |
| AUGUST..... | 1.08 | 0.50 | 0.94 | 1.19 | AUGUST..... | 0.67 | 0.45 | 0.86 | 0.47 |
| SEPTEMBER.... | 1.34 | 0.67 | 1.04 | 1.38 | SEPTEMBER.... | 0.78 | 0.52 | 1.05 | 0.65 |
| OCTOBER | 1.88 | 0.86 | 1.01 | 1.40 | OCTOBER | 1.44 | 0.92 | 1.34 | 0.89 |
| NOVEMBER | 2.39 | 1.02 | 0.94 | 0.87 | NOVEMBER | 2.16 | 1.06 | 1.69 | 0.87 |
| DECEMBER | 2.75 | 1.31 | 1.63 | 1.52 | DECEMBER..... | 2.77 | 1.45 | 2.23 | 1.25 |

Table I. DEPOSITED MATTER.

| MOUNTAIN ASH | | | | | | A B E R D A R E | | | | | |
|--------------|--|----------------------------|---------------------------------|---------------------|-----------------------------|-----------------|--|----------------|---------------------------------|--------------------------|-----------------------------|
| Year 1957 | TOTAL SOLIDS DEPOSITED (Tons per Square Mile) AT | | | | | Year 1957 | TOTAL SOLIDS DEPOSITED (Tons per Square Mile) AT | | | | |
| Month | Hibernian Club | Trawscoed Aberdare Road | M'tain Ash Grammar School | 4 Middle Duffryn | Total of all Stations | Month | Aberdare Co-op (Central) | Aman School | Parry's Bakery Abercwmboi | Cwmbach (Duffryn Row) | Total of all Stations |
| JANUARY .. | 34.06 | 26.54 | 25.67 | 267.30 | 353.57 | JANUARY .. | 26.75 | 37.32 | 32.37 | 63.32 | 159.76 |
| FEBRUARY .. | 38.46 | 40.37 | 36.61 | 140.40 | 255.84 | FEBRUARY .. | 20.77 | 61.01 | 25.84 | 47.11 | 154.73 |
| MARCH | 28.69 | 31.17 | 24.86 | 137.66 | 222.38 | MARCH | 27.11 | 44.03 | 22.88 | 47.87 | 141.89 |
| APRIL | 8.92 | 10.71 | 12.05 | 62.55 | 94.23 | APRIL | 7.75 | 8.09 | 29.40 | 12.17 | 57.41 |
| MAY | 27.98 | 34.57 | 23.83 | 86.21 | 172.59 | MAY | 12.49 | 17.96 | 22.07 | 25.48 | 78.10 |
| JUNE | 19.43 | 30.23 | 21.24 | 65.94 | 136.84 | JUNE | 10.30 | 16.98 | 20.31 | 29.03 | 76.62 |
| JULY | 26.90 | 43.39 | 25.51 | 105.40 | 201.20 | JULY | 16.62 | 21.21 | 22.94 | 37.16 | 97.93 |
| AUGUST | 31.97 | 43.72 | 38.35 | 90.42 | 204.46 | AUGUST | 14.36 | 33.35 | 18.92 | 25.14 | 91.77 |
| SEPTEMBER .. | 23.88 | 32.11 | 33.28 | 116.07 | 205.34 | SEPTEMBER .. | 14.33 | 20.47 | 17.50 | 37.74 | 90.04 |
| OCTOBER | 34.94 | 40.94 | 34.09 | 228.23 | 338.20 | OCTOBER | 19.20 | 20.60 | 25.96 | 43.62 | 109.38 |
| NOVEMBER .. | 27.33 | 32.62 | 31.18 | 75.26 | 186.39 | NOVEMBER .. | 17.72 | 16.38 | 23.93 | 20.01 | 78.04 |
| DECEMBER .. | 39.92 | 48.35 | 45.49 | 145.58 | 279.34 | DECEMBER .. | 33.79 | 39.17 | 51.68 | 30.41 | 155.05 |

The conclusion reached was that the taste and smell complained of was basically inherent in the particular water supply, which is a soft acid water of peaty nature. Also, that conditions were aggravated by,—

- (1) Climatic conditions at that time.
- (2) Local conditions of stagnation in the distribution system, and
- (3) Under chlorination.

Consequently, the following remedial measures were instituted,—

- (1) A step-up in the rate of chlorination.
- (2) Regular and frequent flushing, and
- (3) Drawing water from the middle layer of the Reservoir.

and as a result an improvement in conditions was achieved.

Except for the taste and smell, analyses of frequent samples taken from the Penrhiwceiber area did not indicate that the water had any harmful properties, although in the Abercynon area the presence of traces of lead was another defective property requiring treatment.

The joint report of the Engineer and Surveyor and myself, above referred to, contained a recommendation to the Public Health Committee that adequate filtration and treatment plants should be installed at ALL sources of supply, thereby ensuring the maximum safety of the water supply.

The water (raw and treated) from the sources in general use were sampled much more frequently than in previous years, on the average, weekly, and any other source not in general use whenever that water was being used.

450 samples (225 chemical and 225 bacteriological) were taken and submitted to the Public Analyst at the Public Health Laboratory, Cardiff, for examination.

A table showing the results of the bacteriological and chemical tests on the treated supplies is given below:—

SWIMMING BATHS AND PADDLING POOLS.

During the summer months samples were also taken from the Gwernifor Swimming Baths and the Paddling Pools at Abercynon and Penrhiwceiber.

The samples were satisfactory.

In the case of the Gwernifor Swimming Baths, routine treatment of the water with Copper Sulphate was carried out to obviate the growth of algae.

RIVER POLLUTION.

As reported in the 1956 Annual Report, a very perceptible improvement in the condition of the River Cynon as it enters the Mountain Ash area had coincided with the almost complete disappearance of the grey flue dust, dating from the installation of settling ponds at the Middle Duffryn Power Station a half mile or so upstream of the Mountain Ash and Aberdare boundary.

The river, however, is still from time to time, discoloured with a grey scum contained within the effluents from the settling ponds.

During 1957, schemes for neutralising the acidity of these effluents were proposed but had not been actually commenced when the year closed, so it still remains to be seen whether, as is hoped, the completion of these schemes in addition to improving the condition of the river will also improve its appearance, which on the whole it is fair to say, remains, relatively speaking, good.

Within the Mountain Ash boundary, further improvement in the condition of the river was achieved, as stated last year, by the installation of new plant at the Deep Duffryn Washery.

The settling ponds and ancilliary plant commenced in 1956 were completed by the end of 1957 and it only remains for a special type of pump to be installed for the slurry

effluent from the Washery to be contained on a closed circuit, completely divorced from the river.

A similar position exists at the Penrhiwceiber Washery a little lower down the valley where ancilliary plant under construction reached a stage of near completion by the end of the year.

ATMOSPHERIC POLLUTION.

Apart from the pollution of the atmosphere from domestic chimneys, the major source of pollution emanates from the Phurnacite Plant, which lies just outside the boundaries of the Mountain Ash Urban Area.

As was done for the first time last year, tables showing the results of samples analysed from the atmospheric pollution measuring stations in Mountain Ash and Aberdare are given herewith. These results continue to be submitted to the Department of Scientific and Industrial Research, the National Coal Board and the two Councils immediately concerned.

Care should be taken in interpreting these results since so many variable factors, including the weather, have their effect on the figures as has also the relatively short period under review.

The predominate note of the year, particularly in the mind of the public, was one of disappointment, not that everything which had been promised and programmed for the year was not carried out and completed, but because the final results were not more impressive in appearance. However, I feel sure that the problems, especially at the Phurnacite Plant, are not insurmountable, and it is hoped that the future will show more tangible results for the efforts made.

Food Hygiene Campaign

FOOD CAMPAIGNS.

(1) Number of Food Premies in the area :—

| | | | |
|--|----|----|-----|
| Grocery and Provision Dealers | .. | .. | 58 |
| General Dealers.. | .. | .. | 116 |
| Greengrocers and Fruiterers | .. | .. | 35 |
| Fishmongers | .. | .. | 2 |
| Refreshments Dealers and Confectioners | .. | .. | 15 |
| Butchers | .. | .. | 29 |
| Fish Fryers | .. | .. | 18 |
| Confectionery only | .. | .. | 4 |
| Bakeries | .. | .. | 7 |
| Ice Cream (including Lollies) | .. | .. | 1 |
| Licensed Premises | .. | .. | 34 |
| Mineral Water Manufacturers | .. | .. | 1 |
| Dairies.. | .. | .. | 4 |
| Wholesale Grocers | .. | .. | 2 |
| Canteens : Colliery | .. | .. | 5 |
| „ School | .. | .. | 6 |
| „ Railway | .. | .. | 1 |
| „ Factory | .. | .. | 6 |

(2) Number of Premises registered under Section 16, Food and Drugs Act, 1955 :—

| | | |
|---------------------------------------|----|----|
| (1) Manufacture and Sale of Ice Cream | .. | 7 |
| (2) Sale of Ice Cream | .. | 79 |
| (3) Fried Fish and Chipped Potatoes | .. | 18 |
| (4) Butchers Smalls | .. | 15 |

15 Dairies are registered under the Milk and Dairies Regulations, 1949.

(3) Frequent visits and inspections of registered food premises were made during the year.

The standard of handling, preparing, displaying and serving of food continues to improve, but the human element still remains. The public could be of great assistance in

furthering this improvement by being more critical of slipshod, slovenly or unhygienic methods of handling and serving food.

The inspection of all canteens and kitchens throughout the area was continued, and the very high standard of cleanliness and hygiene maintained.

- (4) Disposal of condemned food—burial in the Council's Refuse Tip. All tins are pierced before burial.
- (5) No special examination of food other than that which occurred in the normal routine work and is included in the Public Health Inspectors' Report.

(6) The Ice Cream Regulations, 1947-52.

All premises where Ice Cream is manufactured and sold have been inspected frequently and comply with the above Regulations, and all vehicles used in the retail sale of Ice Cream continue to maintain the high standard approved by the Council.

20 samples of Ice Cream were taken and submitted for chemical and bacteriological examination, with the following results :—

Provisional Grade 1
(Satisfactory).

12

Provisional Grade 4
(Very Unsatisfactory).

1

In the case of 7 of the samples submitted no results were obtained owing to the unsatisfactory pre-incubation temperature at the Laboratory.

HOUSING.

Housing Consolidated Regulations, 1925 & 1932.

No action has been taken by the Council under the above Regulations.

FOOD AND DRUGS ACT, 1955.

I give below a statement showing the number of samples taken by the County Sampling Officers in the Mountain Ash Urban Area during the year ended 31st December, 1957.

| SAMPLE. | No. taken | SAMPLE. | No. taken |
|--------------------------------|-----------|---------------------------------|-----------|
| Aspirin Tablets | 3 | Mincemeat | 2 |
| Bicarbonate of Soda | 2 | Margarine | 4 |
| Baking Powder | 3 | Milk | 117 |
| Butter | 9 | Olive Oil | 1 |
| Beans (Canned) | 1 | Pepper | 2 |
| Cod Liver Oil | 1 | Rice | 1 |
| Cake Mixture | 12 | Raisins | 2 |
| Condensed Milk | 2 | Sugar | 3 |
| Coffee & Chicory Essence | 3 | Salt | 1 |
| Custard Powder | 3 | Sauce | 2 |
| Cornflour | 2 | Stuffing | 1 |
| Cut Peel | 1 | Sweets | 1 |
| Cream | 3 | Salad Cream | 3 |
| Chicken (Minced) | 2 | Spices | 3 |
| Decrose | 1 | Spaghetti (Canned) | 1 |
| Drinking Chocolate | 1 | Soft Drinks | 6 |
| Fruit (Mixed Dried) | 2 | Soup (Canned) | 4 |
| Fish (Canned) | 1 | Semolina | 2 |
| Flour | 8 | Shredded Beef Suet | 4 |
| Glaze Cherries | 2 | Tomatoes (Canned) | 2 |
| Glaubers Salts | 1 | Treacle | 1 |
| Ice Cream | 8 | Table Jelly | 4 |
| Jam | 3 | Tea | 2 |
| Lemon Curd | 4 | Vegetables (Canned) | 1 |
| Lard.. .. | 5 | Vitamin Capsules | 6 |
| Meat Products (Canned) | 6 | Vinegar | 10 |
| Marmalade | 1 | Welsh Rarebit | 1 |
| Marzipan | 2 | Yorkshire Pudding Mixture | 1 |
| Macaroni | 1 | | |
| Mustard | 1 | | |
| Meat Paste | 4 | | |
| Malt with Clo | 1 | | |
| | | TOTAL | 287 |

I am indebted to Dr. W. E. Thomas, County Medical Officer of Health, for supplying me with the above information.

General Health and Welfare Services of the District

1.—SERVICES PROVIDED BY THE GLAMORGAN COUNTY COUNCIL :—

- (a) Maternity and Child Welfare, Midwifery, Home Nursing, Home Help, School Medical and Health Visiting.

These services are administered by the
DIVISIONAL MEDICAL OFFICER.

Headquarters : Divisional Health Offices,
New Clinic Buildings,
Rock Grounds, Aberdare.
Tel. No. : Aberdare 441.

For the residents of YNYSYBWL, the services are administered by

DIVISIONAL MEDICAL OFFICER,

Headquarters : Divisional Health Offices,
Courthouse Street,
Pontypridd.
Tel. No. : Pontypridd 2275-6.

- (b) MENTAL HEALTH SERVICE :—

The duly authorised officer for this area is,—

Mr. STANLEY WILLIAMS,
Amroth, Clive Terrace,
Ynysybwyl, Glam.
Tel. No. : Ynysybwyl 26.

- (c) AMBULANCE SERVICE :—

The Ambulance Station for this area is situated at
HAWTHORNE, PONTYPRIDD.
Tel. No. : Pontypridd 2522.

(d) WELFARE SERVICE :—

Officers of the Welfare Department are available to offer advice and assistance to those in need of hostel accommodation, the blind and the handicapped. The local offices for the area are,—

(a) Area Office, Llewellyn Street,
Trecynon, ABERDARE.
Tel. No. : Aberdare 318.

(b) County Offices, Courthouse St.,
PONTYPRIDD.
Tel. No. : Pontypridd 2275-6.

(e) CHILDREN'S DEPARTMENT :—

The office of the Children's Department of the County Council is at,—

33 to 36 Adam Street, Cardiff.
Tel. No. : Cardiff 31696 to 31698.

(f) REGISTRATION OF BIRTHS, DEATHS AND MARRIAGES :

This area comes under the Pontypridd District, and the Superintendent's Office is at,—

Courthouse Street,
PONTYPRIDD.
Tel. No. : Pontypridd 3132.

The local offices are situated at,—

53 COMMERCIAL STREET,
MOUNTAIN ASH.
Tel. No. : Mountain Ash 2192.
10 a.m. to 1 p.m. ; 2 p.m. to 5 p.m.

GLANCYNON POST OFFICE, ABERCYNON.

Tuesday : 9.30 a.m. to 10.30 a.m.

107 ROBERT STREET, YNYSYBWL.

Tuesday : 11.30 a.m. to 12.30 p.m.

(g) PROBATION OFFICER :—

The address of the Principal Probation Officer is at
St. Catherine's Chamber, Mill Street,
PONTYPRIDD.

Tel. No. : Pontypridd 2157.

The local office is,—

Probation Officer Office,
Cardiff Street, ABERDARE.

Tel. No. : Aberdare 332.

2.—HOSPITAL SERVICES PROVIDED BY THE WELSH
REGIONAL HOSPITAL BOARD.

Hospital facilities for the area are administered by,—

- (a) The Merthyr and Aberdare Hospital Management
Committee ;

The office of this Committee is at,—

St. Tydfil's Hospital, Merthyr Tydfil.

Tel. No. : Merthyr 900.

- (b) The Pontypridd and Rhondda Hospital Management
Committee ; Office at,—

Courthouse Street, Pontypridd.

Tel. No. : Pontypridd 2646.

- (c) CHEST CLINICS :—

Melbourne House, Penrhiwceiber Rd., Penrhiwceiber.

(This Clinic is open on TUESDAY and FRIDAY
mornings, 10 a.m. to 12 noon).

Tel. No. : Mountain Ash 2119.

Glen View, Courthouse Street, Pontypridd.

(Open MONDAY to FRIDAY : 9 a.m. to 5 p.m.

SATURDAY : 9 a.m. to 12 noon).

Tel. No. : Pontypridd 2204.

3.—SERVICES PROVIDED BY GOVERNMENT DEPARTMENTS.

(a) Ministry of National Insurance :—

Central Office (Wales) is at Cathays Park, Cardiff.
Tel. No. : Cardiff 26411.

Local Offices :

Duffryn Road, Mountain Ash.
Tel. No. : Mountain Ash 2215.

Park Buildings, Pontypridd.
Tel. No. : Pontypridd 3081.

(b) Pneumconiosis Medical Panel :—

This office is situated at the East entrance,—
Prudential Buildings,
Cathays Park, Cardiff.
Tel. No. : Cardiff 26161.

(c) National Assistance Board :—

Area Offices :—

Glanynys, Cwmbach Road,
Aberdare.
Tel. No. : Aberdare 343.

The Grange, Tyfica Road,
Pontypridd.
Tel. No. : Pontypridd 2295.

4.—GENERAL PRACTITIONER SERVICES :—

This service is provided by the Glamorgan Executive
Council of,— 47 Park Place, Cardiff.
Tel. No. : Cardiff 26216.
(National Health Council).

5.—NATIONAL ASSISTANCE ACT, 1948—BURIAL OF THE DEAD

Under the provisions of the Act, during the year the
cost of burying one person was accepted by this
authority.

J. LL. WILLIAMS,

Medical Officer of Health.

MOUNTAIN ASH URBAN DISTRICT COUNCIL

Summary of Work done by the Public Health Inspectors

Number of premises inspected and re-visited 3,641

Number of Notices served under Section 93, Public Health
Act, 1936 :—

| | | | | | | |
|-----------|----|----|----|----|----|-----|
| Informal | .. | .. | .. | .. | .. | 580 |
| Statutory | .. | .. | .. | .. | .. | 368 |

General Repairs—

| | | | | |
|---|----|----|----|-----|
| Chimneys and fireplaces | .. | .. | .. | 175 |
| Roofs | .. | .. | .. | 394 |
| Eaves and downpipes | .. | .. | .. | 280 |
| External walls .. | .. | .. | .. | 74 |
| Windows and doors | .. | .. | .. | 182 |
| Internal walls, partitions and ceilings | .. | .. | .. | 191 |
| Floors | .. | .. | .. | 87 |
| Internal staircases | .. | .. | .. | 24 |
| Cupboards and skirtings | .. | .. | .. | 35 |
| Sculleries and pantries .. | .. | .. | .. | 81 |
| Yard pavements and steps | .. | .. | .. | 59 |
| Dry areas provided | .. | .. | .. | 4 |
| Wash houses and coalhouses | .. | .. | .. | 28 |
| Boundary and forecourt walls | .. | .. | .. | 45 |
| Dirty premises .. | .. | .. | .. | 2 |
| Accumulations removed | .. | .. | .. | 4 |
| Repairs to water service | .. | .. | .. | 43 |

Section 39, Public Health Act, 1936—

| | | | | |
|--------------------------|----|----|----|----|
| Number of Notices served | .. | .. | .. | 56 |
|--------------------------|----|----|----|----|

Drainage—

| | | | | |
|-------------------------------------|----|----|----|-----|
| Cleansed, repaired and relaid | .. | .. | .. | 123 |
| Drains tested | .. | .. | .. | 183 |
| Wash-up sinks provided and repaired | .. | .. | .. | 29 |

Section 45, Public Health Act, 1936—

| | | | | |
|--------------------------|----|----|----|-----|
| Number of notices served | .. | .. | .. | 149 |
|--------------------------|----|----|----|-----|

Sanitary Conveniences—

| | | | | |
|---|----|----|----|-----|
| General repairs | .. | .. | .. | 180 |
| Water flushing apparatus repaired and renewed | .. | .. | .. | 69 |
| Cesspools cleansed | .. | .. | .. | 1 |

Factory Act, 1947—

| | | | |
|----------------------------------|----|----|-----|
| Number of bakehouses on register | .. | .. | 8 |
| Number of factories on register | .. | .. | 101 |
| Number of visits | .. | .. | 43 |
| Number of notices | .. | .. | Nil |
| Number of outworkers | .. | .. | 17 |

Infectious Diseases—

| | | | |
|-------------------------|----|----|----|
| Number of cases visited | .. | .. | 92 |
|-------------------------|----|----|----|

Disinfection—

| | |
|--|----|
| Number of houses fumigated after infectious disease.. | 92 |
| Number of dirty or verminous houses sprayed or fumigated | 87 |

Licensed Premises—

Extensive repairs and improvements were carried out at several Licensed Premises as a result of visits by the Inspectors.

FOOD AND DRUGS (MILK & DAIRIES) ACT, 1944**The Milk and Dairies Regulations, 1949.**

Powers of supervision of the retail distribution and sampling of milk for bacteriological examination are vested in the Local Authority :—

| | | |
|------------------------------------|-----|----|
| Number of Distributors in Register | ... | 14 |
| Number of Dairies in area | ... | 12 |
| Number of visits | ... | 36 |

48 samples of milk were taken during the year and sent to the Public Health Laboratory, Cardiff, for bacteriological examination and chemical tests.

3 samples were found to be unsatisfactory. In these cases, copies of the Analyst's reports were sent to the Milk Production Officer of the Ministry of Agriculture and Fisheries.

18 samples were submitted for examination for tubercle bacilli and found to be satisfactory.

MILK (SPECIAL DESIGNATION)

(Pasteurised and Sterilised Milk) REGULATIONS, 1949.

10 dealers' Licences authorising the use of the Special Designation "Pasteurised" and 10 Licences for the Special Designation "Tuberculin Tested Milk (Pasteurised)" were issued to distributors of milk in this area.

3 dealers' Licences were issued for the use of the Special Designation ("Sterilised").

2 Supplementary Licences authorising the use of the Special Designations "Pasteurised," "Tuberculin Tested Milk (Pasteurised)" and "Sterilised" were issued to distributors of milk residing outside the Urban Area.

INSPECTION OF MEAT AND OTHER FOODS.

7 Licences to slaughter or stun animals were issued during the year.

Notice of intended slaughter of 3 cottagers' pigs was received by the Public Health Department, and the pigs were inspected by the Inspectors. The carcasses were, in each case, free from disease and passed as fit for human consumption.

A total of 1 ton, 3 cwts., 6 lbs. of foodstuffs was found on examination to be unfit for human consumption, voluntarily surrendered, and destroyed :—

| | Weight in lbs. | | | | |
|-----------------------|----------------|------|----|----|-------|
| Bacon | .. | .. | .. | .. | 31½ |
| Sausages | .. | .. | .. | .. | 46 |
| Cheese | .. | | .. | .. | 30 |
| Cooked Ham | .. | .. | .. | .. | 14 |
| Fish | .. | .. | .. | .. | 252 |
| Cake Mixture | .. | .. | .. | .. | 11½ |
| Tinned Ham | .. | .. | .. | .. | 735 |
| Tinned Meat | .. | .. | .. | .. | 304 |
| Tinned Goods | .. | .. | .. | .. | 1,127 |
| Imported Meat | .. | .. | .. | .. | 27 |
| Fish Cakes | .. | .. | .. | .. | 4 |

PET ANIMALS ACT, 1951.

Premises where pet animals are sold must be licensed annually by the local authority.

Two licences were issued during the year, and both premises were inspected in accordance with the provisions of the above Act.

RAG FLOCK & OTHER FILLING MATERIALS ACT, 1951.

One factory in the area is registered as an upholstery premises and was visited frequently to see that the provisions of the above Act were complied with.

CINEMATOGRAPH AND STAGE PLAYS LICENCES

During the year, the seven cinemas and theatres in the area were inspected as regards interior cleanliness, condition of seats, sanitary conveniences and ventilation.

RODENT CONTROL.

Prevention of Damage by Pests Act, 1949.

During the year work on the destruction of rats and mice was continued.

Private dwellings were treated free of costs to the occupiers, and 50 per cent. of the costs incurred were recovered from the Ministry of Agriculture and Fisheries. No grant is received in respect of business premises, and all expenditure has to be recovered from the occupiers of these premises.

Two full time Rodent Operatives are employed by the Council, under the supervision of the Public Health Inspectors, and details of the work carried out by them are as follows :—

Number of premises visited and revisited ... 2248

| | Rats. | Mice. |
|---|-------|-------|
| Number of dwelling houses treated .. | 412 | 200 |
| Number of business premises treated .. | 8 | 1 |
| Number of school kitchens treated .. | 1 | 2 |
| Number of refuse tips treated .. | 7 | — |
| Number of embankments treated .. | 17 | — |
| Number of watercourses treated .. | 9 | — |
| Number of sewer beds treated .. | 2 | — |
| Number of back lanes treated .. | 3 | .. |
| Number of culverts treated .. | 9 | .. |
| Number of sections of river embankments treated | 34 | — |
| Number of schools treated .. | 3 | 5 |
| Number of canal banks treated .. | 2 | — |
| Number of cinemas treated .. | 1 | — |
| Number of piggeries treated .. | 1 | — |
| Number of collieries treated .. | 1 | — |
| Number of Workshops treated .. | — | 1 |

BLOCK TREATMENT.

A block treatment of the Lady Windsor Colliery, Ynysybwl, nearby embankments, river embankments, culvert and watercourse was carried out.

SEWER TREATMENT.

Two maintenance treatments of the sewers throughout the area were carried out during the year, one from 17th June to 13th July, and the other from 25th November to 21st December.

680 manholes were treated, 304 showing a pre-bait take and 35 a complete pre-bait take on one or both of the days during the first treatment, and the second treatment figures being 384 and 63 respectively.

For the duration of the treatments, the Rodent Operatives were assisted by two men from the Surveyor's staff.

All sewer beds and refuse tips were treated at the same time, and all treatments were carried out in accordance with the recommendations of the Ministry of Agriculture and Fisheries. The bait used in the first treatment was Sausage Rusk and the poison, Zinc Phosphide and, for the second treatment, the bait was Bread Mash and the poison Arsenious Oxide.

The nature and development of the Mountain Ash Urban Area and the close proximity of the dwelling houses and other premises to the Rivers Cynon and Clydach makes rodent infestation and re-infestation inevitable, and still necessitates constant and continued survey, treatment and supervision.

W. J. WATTERS,

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